IN THE CLAIMS:

Please amend claims 1, 8 and 15.

1. (Twice Amended) A method of converting a plurality of input field types to a plurality of output field types by an application program, said method comprising:

(a) receiving a first attribute of a first input field type and a second attribute of a first output field type;

(b) creating at runtime a first optimized conversion routine based on said first attribute and said second attribute; and

(c) executing said first optimized conversion routine from said application program to convert said first input field type to said first output field type.

8. (Once Amended) A method of converting data from input field types to output field types, said method comprising:

(a) receiving a plurality of input attributes and output attributes from an application program;

(b) dynamically creating a plurality of data field conversion routines for each set of input attributes and output attributes; and

(c) storing said plurality of data field conversion routines in memory accessible to said application program.

15. (Once Amended) A system for dynamically generating computer data field conversion routines, said system comprising: